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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 1 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — January, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1968, averaged 111,520 barrels daily, a decrease of 396 barrels from the average December production of 111,916.

The nine refineries in the state processed 114,773 barrels of crude oil daily for the month of January, 1968, an increase of 7,465 barrels from the 107,308 barrels processed daily during the month of December, 1967.

During January, 96 wells were completed, 46 oil, 3 gas well and 47 dry holes.

During January, the commission issued 91 permits to drill new wells, an increase of 7 from the 84 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JANUARY, 1968

IN STORAGE JANUARY 1st	
By Producers	423,176
By Transporters	1,063,477
By Refiners	632,990
TOTAL STORAGE	2,119,643
Produced in Montana During Month	3,457,141
Imported During Month	2,746,808
TOTALS	8,323,592
DISPOSITION:	
Refined in Montana	3,557,969
Exported	2,639,002
Used for Fuel or Lost	4,803
TOTAL	6,201,774
IN STORAGE JANUARY 31st	
By Producers	437,900
By Transporters	1,040,785
By Refiners	643,133
TOTAL STORAGE	2,121,818

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	145,917
Bowdoin	357,615
Bowes	45,454
Cabin Creek	105,731
Cedar Creek	1,262,215
Cut Bank (Including Reagan)	772,177
Devon	0
Dry Creek	82,383
Elk Basin	105,253
Flat Coulee	8,674
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	2,389
Keith Block	378,059
Kevin Sunburst	71,136
Lake Basin	105,676
Middle Butte	4,226
Mt. Lilly	49,464
Pine	68,522
Plevna	7,640
Utopia	123,973
Whitlash	111,097
Miscellaneous	179,807
TOTAL	3,987,408

Total withdrawals for January, 1967 were 3,319,492

PRODUCERS REPORT—MONTH OF JANUARY, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	3	697	4,018	----------	4,079	----------	636
1	Bannatyne	1	673	43	----------	249	----------	467
5	Bear's Den	6	1,798	1,567	----------	1,905	----------	1,460
42	Bell Creek	144	82,096	776,384	756,345	----------	915	101,220
1	Benrud	1	256	1,000	1,000	----------	----------	256
1	Benrud East	1	689	9,505	9,678	----------	----------	516
1	Benrud Northeast	1	609	9,537	9,094	----------	----------	1,052
...	Berthelote	----------	428	----------	----------	----------	----------	428
5	Big Wall	20	2,561	21,472	21,452	----------	----------	2,581
4	Blackfoot	7	2,053	1,803	----------	2,184	----------	1,672
1	Border	2	----------	800	----------	800	----------	----------
1	Bowes	54	5,967	13,416	13,743	----------	----------	5,640
2	Bradley	2	673	732	906	----------	----------	499
2	Brady	2	617	406	406	----------	----------	617
2	Cabin Creek	104	8,923	295,066	297,335	----------	----------	6,654
15	Cat Creek	70	4,082	19,600	15,847	4,372	71	3,392
...	Clark's Fork	----------	151	----------	----------	----------	----------	151
1	Conrad South	1	662	830	830	----------	----------	662
...	Cupton	----------	1,181	----------	----------	----------	----------	1,181
143	Cut Bank	962	85,651	297,966	293,653	365	2,459	87,140
2	Deer Creek	3	1,406	2,965	3,701	----------	----------	670
1	Delphia	1	471	302	----------	595	----------	178
...	Devil's Basin	----------	714	----------	----------	----------	----------	714
14	Dwyer	15	6,744	19,996	20,493	----------	----------	6,247
4	Elk Basin	57	2,399	224,344	224,085	----------	----------	2,658
5	Elk Basin Northwest	14	3,196	9,359	9,384	----------	3	3,168
5	Fairview	5	4,349	42,906	----------	42,463	----------	4,792
2	Fertile Prairie	2	898	1,289	1,343	----------	----------	844
23	Flat Coulee	25	4,989	17,850	18,072	----------	----------	4,767
39	Flat Lake	57	6,967	78,588	79,284	----------	----------	6,271
1	Flat Lake South	1	225	1,319	1,346	----------	----------	198
2	Frannie	2	----------	1,026	1,026	----------	----------	----------
20	Fred & George Creek	43	3,074	68,513	69,644	----------	----------	1,943
1	Gage	1	649	203	----------	----------	----------	852
3	Gas City	22	7,154	37,082	37,622	----------	----------	6,614
11	Glendive	14	2,395	35,835	29,529	6,286	----------	2,415
22	Goose Lake	30	5,128	63,822	64,298	----------	----------	4,652
9	Graben Coulee	27	4,646	9,340	7,665	1,509	----------	4,812
...	Grandview	----------	528	----------	----------	----------	----------	528
2	Gypsy Basin	2	1,237	89	115	----------	----------	1,211
4	Hiawatha	5	2,680	32,579	10,652	21,045	----------	3,562
1	Hibbard	1	631	191	----------	----------	----------	822
6	Ivanhoe	7	2,163	11,601	12,204	----------	64	1,496
10	Keg Coulee	27	5,772	17,108	16,676	----------	----------	6,204
3	Keg Coulee North	3	1,293	1,267	848	----------	----------	1,712
1	Kelley	2	730	14,071	14,021	----------	----------	780
94	Kevin Sunburst	512	18,805	23,109	23,890	778	471	16,775
1	Little Beaver	29	----------	34,871	34,871	----------	----------	----------
2	Little Beaver East	14	1,935	19,004	18,459	----------	----------	2,480
3	Lodge Grass	3	1,793	2,111	----------	1,858	----------	2,046
23	Lookout Butte	76	3,861	133,565	131,696	1,013	----------	4,717
1	Mackay Dome	1	796	14	----------	----------	----------	810
2	Mason Lake	2	586	1,314	1,701	----------	----------	199
2	Melstone	4	753	2,253	2,240	----------	----------	766
1	Mineral Bench	1	362	882	753	----------	----------	491
2	Miner's Coulee	4	145	1,065	----------	1,020	----------	190
11	Monarch	16	4,725	26,642	27,500	----------	77	3,790
3	Mosser	3	----------	467	----------	467	----------	----------
6	Outlook	11	8,411	27,045	28,981	----------	----------	6,475
2	Outlook South	2	1,666	1,838	1,405	----------	----------	2,099
2	Outlook West	2	1,087	4,015	790	2,927	----------	1,385
71	Pennel	116	5,215	146,341	146,504	----------	----------	5,052
4	Pine	128	17,934	338,536	338,020	----------	----------	18,450
3	Pole Creek	3	1,192	886	----------	1,687	----------	391
68	Pondera	269	7,966	25,556	25,753	----------	12	7,757
4	Poplar	65	8,766	58,746	57,456	----------	----------	10,056
4	Poplar Northwest	5	1,637	1,668	1,819	----------	----------	1,486
...	Prairie Elk	----------	555	----------	----------	----------	----------	555
3	Ragged Point	51	3,753	8,081	7,867	----------	----------	3,967
1	Rattlesnake Coulee	1	431	618	180	----------	----------	869
4	Reagan	47	1,224	24,082	24,134	----------	----------	1,172
1	Red Creek	26	----------	27,433	27,433	----------	----------	----------
1	Red Fox	1	393	10,963	10,928	----------	----------	428
1	Redstone	1	560	6,129	5,922	----------	----------	767
1	Repeat	1	394	1,513	----------	1,409	----------	498
3	Reserve	3	----------	20,778	----------	20,778	----------	----------
1	Richey	1	253	583	576	----------	----------	260
6	Richey Southwest	8	994	6,850	7,149	----------	----------	695
7	Sand Creek	9	2,061	9,899	7,974	----------	----------	3,986
1	Shotgun Creek	1	563	361	----------	734	----------	190
3	Sidney-Brorson	3	2,369	2,202	----------	3,135	----------	1,436
4	Smoke Creek	5	1,694	5,385	----------	5,802	----------	1,277
...	Snyder	----------	1,438	----------	----------	----------	----------	1,438
6	Soap Creek	17	2,714	5,464	----------	4,394	----------	3,784
1	Spring Lake	2	1,025	2,785	----------	2,709	----------	1,101
2	Stensvad	24	5,099	25,060	26,522	----------	----------	3,637
29	Sumatra	85	11,644	50,507	50,292	----------	----------	11,859
5	Tule Creek	7	2,224	37,690	----------	37,080	----------	2,834
2	Tule Creek East	2	1,139	24,024	----------	24,336	----------	827
2	Tule Creek South	3	1,002	7,576	815	6,606	----------	1,157
2	Vida	2	931	988	1,199	----------	----------	720
4	Volt	6	1,808	20,432	19,971	----------	----------	2,269
2	Weed Creek	4	803	12,936	12,674	----------	147	918
7	Weldon	13	2,017	108,335	109,235	----------	----------	1,117
15	Whitlash	28	7,929	17,769	15,539	----------	----------	10,159
2	Whitlash West	2	846	749	907	----------	----------	688
2	Wills Creek South	2	1,516	6,055	6,443	----------	----------	1,128
7	Wolf Springs	10	4,507	9,322	8,747	----------	----------	5,082
3	Woodrow	4	265	2,983	2,815	----------	----------	433
1	Wildcat, Carbon Cty	1	589	199	----------	----------	----------	788
4	Wildcat, Glacier Cty	4	335	663	----------	900	----------	98
1	Wildcat, Richland Cty	1	1,251	2,089	----------	2,206	----------	1,134
1	Wildcat, Sheridan Cty	1	751	920	----------	791	----------	880
864	Total	3,389	422,917	3,457,141	3,231,457	206,482	4,219	437,900

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
January, 1968	3,457,141	111,520	3,437,939	110,901

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1967	423,176	1,063,477	632,990	2,119,643
January, 1968	437,900	1,040,785	643,133	2,121,818

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JANUARY, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			4,079				4,079		
BANNATYNE—Truck			249			249			
BEAR'S DEN—Truck			1,905					1,905	
BELL CREEK—Pipelines		756,345						756,345	
BIG WALL—									
Continental Pipeline Co.		20,875				20,875			
BLACKFOOT—									
Camerland Cardinal Corp.			2,184					2,184	
BORDER—Truck			800				800		
BOWES—Texaco		13,743				13,743			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	337,387	1,196,728	9,130	785,972			2,005,530		323,687
Shell Pipeline Co.	3,290	313,726			(146)			313,097	4,065
	340,677	1,510,454	9,130	785,972	(146)		2,005,530	313,097	327,752
CAT CREEK—									
Continental Pipeline Co.		15,847				15,847			
Truck			4,372			4,372			
		15,847	4,372			20,219			
CUT BANK—									
Continental Pipeline Co.			3,672	355,731				359,403	
Phillips Petroleum Co.	46,231	40,217		70,190	2,636	105,826			48,176
Texas Pipeline Co.	41,263	124,083		25,302	407			166,076	24,165
Union Oil Co.	81,915	78,252		25,768	(632)	120,395			66,172
Western Oil Trans. Co.		56,436						56,436	
Western Oil Trans. (Moulton)		43,030						43,030	
	169,409	342,018	3,672	476,991	2,411	226,221		624,945	138,513
DELPHIA—Truck			595			595			
DWYER—Portal Pipeline Co.		20,493					20,493		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		231,613				231,613			
FAIRVIEW—Truck			42,463				42,463		
FLAT COULEE—									
Camerland Cardinal Corp.		15,074				15,074			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		72,312					72,312		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	14,194	69,529				54,357		20,218	9,148
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	10,671	35,738			(147)			38,116	8,440
GOOSE LAKE—									
Portal Pipeline Co.		62,267					62,267		
HIAWATHA—Truck			21,045				21,045		
Continental Pipeline		10,652					10,652		
		10,652	21,045				31,697		
IVANHOE—									
Continental Pipeline Co.		12,006				9,678	2,328		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		17,818				11,056	6,762		
KELLEY—									
Continental Pipeline Co.		14,443				14,443			
KEVIN SUNBURST—									
Big West Oil Co.	4,722	17,229				16,746			5,205
Homestake Oil & Gas Co.	2,523	888						2,483	928
Texas Pipeline Co.	10,840	9,470			407			12,481	7,422
	18,085	27,587			407	16,746		14,964	13,555
LODGE GRASS—Truck			1,858			1,858			
MASON LAKE—									
Continental Pipeline Co.		1,701				1,701			
MELSTONE—									
Continental Pipeline Co.		2,241				2,241			
MOSSER—Truck			467				467		
OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			2,927				2,927		
POLE CREEK—Truck			1,687				1,687		
PONDERA—Phillips Petr. Co.	31,806	27,066			1,367	23,585			33,920
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	16,346	179,781			(232)			177,568‡	18,791
RAGGED POINT—									
Continental Pipeline Co.		7,383				7,383			
RED CREEK—									
Western Oil Transportation Co.		27,433						27,433	
RESERVE—Truck			20,778				20,778		
SHOTGUN CREEK—Truck			734				734		
SIDNEY-BRORSON—Truck			3,135					3,135	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			5,802				5,802		
SOAP CREEK—Truck			4,394				4,394		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			2,709				2,709		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	452,940	72,993		599,392	(3,577)	38,260	263,778	347,298	479,566
TULE CREEK—									
Tesero Petr. Corp.	9,349		68,022			66,271			11,100
WEED CREEK—									
Continental Pipeline Co.		12,674				12,674			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		20,659				20,659			
WOLF SPRINGS—									
Continental Pipeline Co.		8,747				8,747			
WILDCAT WELLS—Truck			3,475				3,475		
TOTALS	1,063,477	3,609,492	206,482	1,862,355	83	818,248	2,555,482	2,327,208	1,040,785

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				20,875						20,875
Cat Creek		20,219		8,636		4,515				33,370
Cut Bank	18,893						86,634		102,910	208,437
Delphia						579				579
Dry Creek						7				7
Elk Basin		59,550		94,155	77,908					231,613
Flat Coulee									15,074	15,074
Fred & George Creek	54,357									54,357
Gage & Gage S.W.						241				241
Hibbard						105				105
Ivanhoe		9,678								9,678
Keg Coulee				11,056						11,056
Kelley					14,443					14,443
Kevin Sunburst	16,746									16,746
Lodge Grass		1,858								1,858
Mason Lake		1,701								1,701
Melstone				2,241						2,241
Pondera							22,422			22,422
Ragged Point				7,383						7,383
Sand Creek						1,049				1,049
Sumatra & Stensvad		13,282		22,894	12,939					49,115
Tule Creek								66,271		66,271
Weed Creek					12,674					12,674
Whitlash							21,119			21,119
Wolf Springs					8,747					8,747
Total Montana Oil	89,996	106,288		167,240	126,711	6,496	130,175	66,271	117,984	811,161
Canadian Oil Imported		355,731			20,179					375,910
Wyoming Oil Imported		645,035		655,936	1,069,927					2,370,898
Total Montana, Canadian, and Wyoming Oil	89,996	1,107,054		823,176	1,216,817	6,496	130,175	66,271	117,984	3,557,969

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
January, 1967	27,020	14,365	57,527	98,912
January, 1968	26,166	12,126	76,481	114,773

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
28.71%	13.65%	57.64%
27.31%	14.53%	58.16%
22.80%	10.56%	66.64%